BRUHAT BANGALORE MAHANAGARA PALIKE

BBMP/2016-17/RD/WORK_INDENT24411

APPROVED SCHEDULE - B

No.EE/BTP/BBMP/E-PMT/20/2016-17, Date: 12.01.2017

Improvements to Roads and Drains from Thindlu Circle to 2nd Cross Bullet Krishnappa layout in Ward No. 09 (Vidyaranyapura) Vidyaranyapura Sub Division.

Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of K NARASIMHA RAJU	
				In Figures	In Words
1	473.25	KSRRB 300 - Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 Page No. 142 / Item No. 19.1, PWD SR 2016-17	cum	191.58	Rupees One Hundred Ninety One and Fifty Eight Paise Only
2	810	Removing and refixing stone slabs of drains and pointing in CM (1:3) Page No. 25 / Item No. 5.33 PWD SR 2016-17	Sqm	74.36	Rupees Seventy Four and Thirty Six Paise Only
3	15.75	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed. machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. Page No.12, Item No. 4.3 of PWD SR 2016-17	cum	4957.8	Rupees Four Thousand Nine Hundred Fifty Seven and Eighty Paise Only
4	31.5	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 Page No. 15 / Item No. 4.31 PWD SR 2016-17	Sqm	298.45	Rupees Two Hundred Ninety Eight and Forty Five Paise Only
5	65.63	Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 design mix M20/M30 , with 25mm and down size graded granite metal coarse aggregates and fine aggregtes , with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 , mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specifications. - M20 (at 300Kg per cum coarse aggregate @ 0.64cum and fine aggregate @ 0.43cum) Page No.	cum	5293.97	Rupees Five Thousand Two Hundred Ninety Three and Ninety Seven Paise Only
6	357	Vaccum de-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery, Screed Vibratory, Power Floater, blade and disc etc., with all lead and lift. Page No. 177 / Item No. 22.7, PWD SR 2016-17	Sqm	91.3	Rupees Ninety One and Thirty Paise Only
7	1939	KSRRB 300-47. Scarifying kankar / gravel / metal crust upto 150mm thick with pick axes and disposal of stuff including cost of all labour charges complete as per specifications. MORTH / Chapter 3 Page No. 147 / Item No. 19.53 PWD SR 2016-17	Sqm.	25.46	Rupees Twenty Five and Forty Six Paise Only
8	387.8	KSRRB M400- Wet Mix Macadam KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406 Page No. 158 / Item No. 20.18, PWD SR 2016-17	cum	1699.0	Rupees One Thousand Six Hundred Ninety Nine Only

Signature of the contractor

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Executive Engineer

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Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of K NARASIMHA RAJU	
				In Figures	In Words
9	4175	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. MORTH Specification No. 502 Page No. 161 / Item No. 21.6, PWD SR 2016-17	Sqm	26.48	Rupees Twenty Six and Forty Eight Paise Only
10	94.4	KSRRB M500-19. Providing and laying bituminous concrete 40 mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.9 complete in all respects complete as per specifications. MORTH Specification No. 509 - using40/60 TPH capacity H.M.P. with Mechanical Paver Gr-II (30 mm to 45 mm) with 6 % VG-30 Bitumen Page No. 165 / Item No. 21.22.6, PWD SR 2016-17	cum	6986.98	Rupees Six Thousand Nine Hundred Eighty Six and Ninety Eight Paise Only
11	45.38	KSRRB M500-18. Providing and laying semi dense bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 508 complete in all respects complete as per specifications. - using 40/60 TPH capacity H.M.P. with Mechanical Paver Gr-II (25 mm to 30 mm) with 5 % VG-10 Bitumen Page No. 164 / Item No. 21.20.12 PWD SR 2016-17	cum	6194.47	Rupees Six Thousand One Hundred Ninety Four and Forty Seven Paise Only

Signature of the Contractor

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